

Deyin Hou

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

599
citations

840776

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1125743

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13
times ranked

794
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane cleaning in membrane distillation of reverse osmosis concentrate generated in landfill leachate treatment. <i>Water Science and Technology</i> , 2022, 85, 244-256.	2.5	9
2	Titanium nitride nanoparticle embedded membrane for photothermal membrane distillation. <i>Chemosphere</i> , 2020, 256, 127053.	8.2	52
3	Hydrophobic nanostructured wood membrane for thermally efficient distillation. <i>Science Advances</i> , 2019, 5, eaaw3203.	10.3	81
4	Optimizing stretching conditions in fabrication of PTFE hollow fiber membrane for performance improvement in membrane distillation. <i>Journal of Membrane Science</i> , 2018, 550, 126-135.	8.2	51
5	Enhancement of energy utilization using nanofluid in solar powered membrane distillation. <i>Chemosphere</i> , 2018, 212, 554-562.	8.2	51
6	Ozone mass transfer behaviors on physical and chemical absorption for hollow fiber membrane contactors. <i>Water Science and Technology</i> , 2017, 76, 1360-1369.	2.5	12
7	Electrospun porous poly(tetrafluoroethylene-co-hexafluoropropylene-vinylidene) Tj ETQq1 1 0.784314 rgBT /Overloc 3.6 43	3.6	43
8	Preparation and characterization of PVDF flat-sheet membranes for direct contact membrane distillation. <i>Separation and Purification Technology</i> , 2014, 135, 211-222.	7.9	104
9	Preparation and characterization of PVDF/nonwoven fabric flat-sheet composite membranes for desalination through direct contact membrane distillation. <i>Separation and Purification Technology</i> , 2012, 101, 1-10.	7.9	60
10	Concentrating primary reverse osmosis concentrate by direct contact membrane distillation. <i>Water Science and Technology: Water Supply</i> , 2010, 10, 403-410.	2.1	2
11	Fluoride removal from brackish groundwater by direct contact membrane distillation. <i>Journal of Environmental Sciences</i> , 2010, 22, 1860-1867.	6.1	40
12	Boron removal from aqueous solution by direct contact membrane distillation. <i>Journal of Hazardous Materials</i> , 2010, 177, 613-619.	12.4	71
13	Preparation of hydrophobic PVDF hollow fiber membranes for desalination through membrane distillation. <i>Water Science and Technology</i> , 2009, 59, 1219-1226.	2.5	23